

HE10

Room Cinema System User Manual

imagine the possibilities

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www.samsung.com/global/register



features

Multi-Disc Playback & FM Tuner

The RTS-HE10 combines the convenience of multi-disc playback capability, including, DVD-VIDEO, VCD, CD, MP3-CD, WMA-CD, DivX, CD-R/RW, with a sophisticated FM tuner, all in a single player.

USB Host support

You can connect and play files from external USB storage devices such as MP3 players, USB flash memory, etc. using the Room Cinema's USB HOST function.

TV Screen Saver Function

If the main unit remains in Stop mode for 3 minutes, Samsung logo appears on TV screen.

The RTS-HE10 automatically switches itself into the power saving mode after 20 minutes in the Screen Saver mode.

Power Saving Function

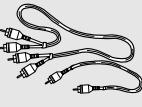
The RTS-HE10 automatically shuts itself off after 20 minutes in Stop mode.

HDMI

HDMI transmits DVD video and audio signals simultaneously, and provides a clearer picture.

WHAT'S INCLUDED

Check for the supplied accessories below.

				
Audio Video Cable	HDMI Cable	FM Antenna	User's Manual	Remote Control / Batteries (AAA size)

safety information

GB

SAFETY WARNINGS

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**CAUTION : INVISIBLE LASER RADIATION WHEN
OPEN AND INTERLOCKS DEFEATED,
AVOID EXPOSURE TO BEAM.**

WARNING : To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

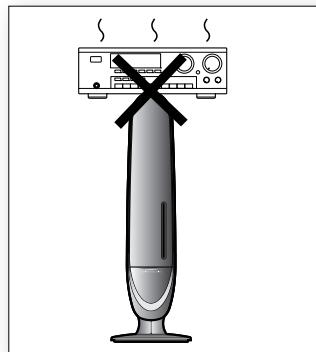
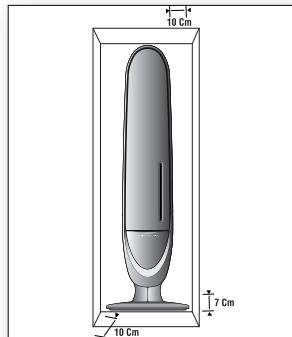
CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

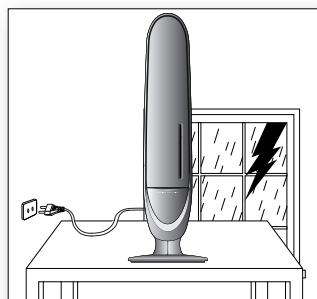
CAUTION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The Mains plug is used as a disconnect device and shall stay readily operable at any time.

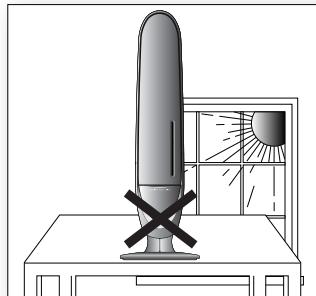
PRECAUTIONS



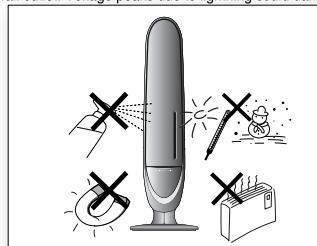
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (7.5-10cm). Make sure the ventilation slots are not covered. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the Room Cinema System to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.



During thunderstorms, disconnect the AC main plug from the wall outlet. Voltage peaks due to lightning could damage the unit.

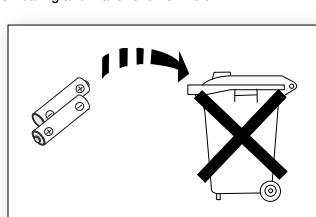


Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and malfunction of the unit.



Protect the player from moisture (i.e. vases), and excess heat (e.g.fireplace) or equipment creating strong magnetic or electric fields (i.e.speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use. Use of this product is for personal use only.

Condensation may occur if your player or disc has been stored in cold temperatures. If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.



The batteries used with this product contain chemicals that are harmful to the environment.
Do not dispose of batteries in the general household trash.

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getting started

BEFORE READING THE USER'S MANUAL

Make sure to check the following terms before reading the user manual.

Icons that will be used in manual

Icon	Term	Definition
	DVD	This involves a function available with DVD or DVD-R/DVD-RW discs that have been recorded and finalized in Video Mode.
	VCD	This involves a function available with VCD discs that have been recorded and finalized in Video Mode
	CD	This involves a function available with a data CD (CD-R or CD-RW).
	MP3	This involves a function available with CD-R/-RW discs.
	JPEG	This involves a function available with CD-R/-RW discs.
	DivX	This involves a function available with MPEG4 discs. (DVD±R/RW, CD-R or CD-RW)
	Caution	This involves a case where a function does not operate or settings may be cancelled.
	Note	This involves tips or instructions on the page that help each function operate.



- In this manual, the instructions marked with "DVD ()" are applicable to DVD-VIDEO, DVD-AUDIO and DVD-R/-RW discs that have been recorded in Video Mode and then finalized. Where a particular DVD type is mentioned, it is indicated separately.
- If a DVD-R/-RW disc has not been recorded properly in DVD Video format, it will not be playable.

About the use of this user's manual

- 1) Be sure to be familiar with Safety Instructions before using this product. (See pages 3~4)
- 2) If a problem occurs, check the Troubleshooting. (See pages 46~47)

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DVD (Digital Versatile Disc) offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie Cinema or concert hall.



Room Cinema Systems and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.
The Region Number for this player is given on the rear panel of the player.
(Your Room Cinema System will only play DVDs that are labeled with identical region codes.)

PLAYABLE DISCS

Disc Type	Mark (Logo)	Recorded Signals	Disc Size	Max. Playing Time
DVD-VIDEO		VIDEO	12 cm	Approx. 240 min. (single-sided)
				Approx. 480 min. (double-sided)
			8 cm	Approx. 80 min. (single-sided)
				Approx. 160 min. (double-sided)
AUDIO-CD		AUDIO	12 cm	74 min.
			8 cm	20 min.
VIDEO CD		AUDIO + VIDEO	12 cm	74 min.
			8 cm	20 min
DivX		AUDIO + VIDEO	12 cm	74 min.
			8 cm	20 min.

DO NOT USE THE FOLLOWING TYPES OF DISC!

- LD, CD-G, CD-I, CD-ROM, DVD-RAM and DVD-ROM discs cannot be played on this player.
- DVD discs purchased abroad may not play on this player.

COPY PROTECTION

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your Room Cinema System directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

DISC TYPE AND CHARACTERISTICS

This product does not support Secure (DRM) Media files.

❖ CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) and the condition of the disc.
- Use a 650MB/74 minute CD-R disc.
Do not use CD-R discs over 700MB/80 minute as they may not be played back.
- Some CD-RW (Rewritable) media, may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

❖ CD-R MP3 Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should be 8 characters or less in length and contain no blank spaces or special characters (./=+).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the "mp3" and extensions can be played.
- Only a consecutively written multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- A maximum of 500 tracks can be played per CD.
- A maximum of 300 folders can be played per CD.

❖ CD-R JPEG Discs

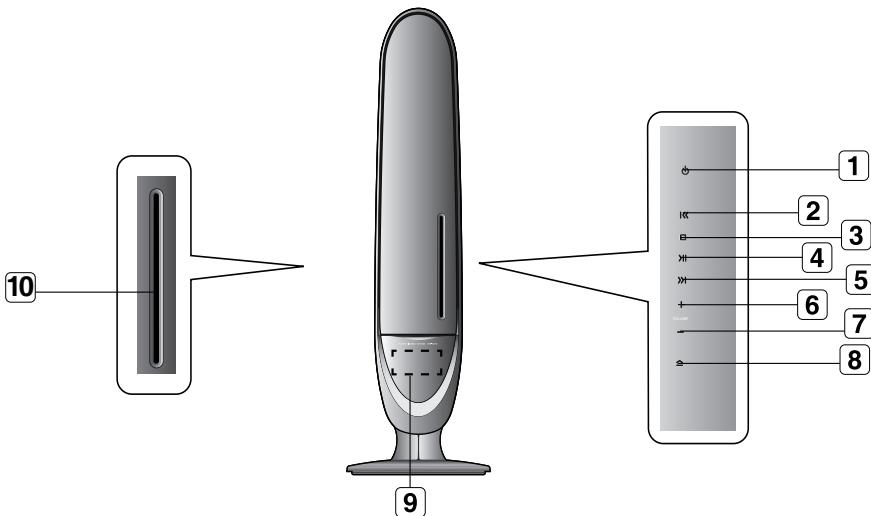
- Only files with the "jpg" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length and contain no blank spaces or special characters (./=+).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 9,999 images can be stored on a single CD.
- When playing a Kodak/Fuji Picture CD, only the JPEG files in the picture folder can be played.
- Picture discs other than Kodak/Fuji Picture CDs may take longer to start playing or may not play at all.

❖ DVD±R/RW, CD-R/RW DivX Discs

- Since this product only provides encoding formats authorized by DivX Networks, Inc., a DivX file created by the user might not play.
- Software updates for incompatible formats are not supported.
(Example : QPEL, GMC, resolution higher than 800 x 600 pixels, etc.)
- Sections with a high frame rate might not be played while playing a DivX file.
- For more information about the formats authorized by DivX Networks, Inc., please visit "www.divxnetworks.net".

description

FRONT PANEL

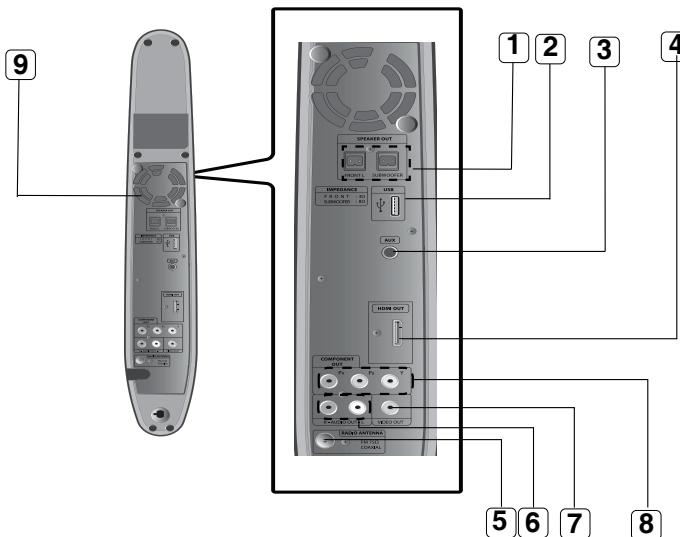


1	POWER(○) BUTTON	5	SKIP (») BUTTON	9	Display
2	SKIP («) BUTTON	6	Volume Control (+)	10	DISC TRAY
3	STOP (□) BUTTON	7	Volume Control (-)		
4	PLAY/PAUSE (») BUTTON	8	EJECT BUTTON		



- Service for Speaker system is not available. For speaker system replacement please contact your authorize Samsung Service Center.
- The maind unit (R Speaker) has a groove on the front side. You can open it by puliling it with a thin and hard end tool (such as ruller or screwdriver). Do not open unless for service purpose
- If you press the button. there will be a Bip Sound.
- There will be a delay between 3 seconds, when you touch the Power ON/OFF.

REAR PANEL



1	SPEAKER OUTPUT CONNECTORS	Connect Left, subwoofer speakers.
2	USB Host	Connect digital still camera, MP3 Player, memory stick, card reader, or other removable storage devices.
3	AUX IN JACK	Connect to the analog output of an external device (such as a MP3 Player)
4	HDMI OUT JACK	Use the HDMI cable, connect this HDMI output terminal to the HDMI input terminal on your TV for the best quality picture.
5	FM 75Ω	Connect the FM antenna.
6	AUDIO L, R OUT JACKS	You can connect your system to the television using the audio cable if the appropriate input is available on the television.
7	VIDEO OUTPUT JACK	Connect the TV's Video Input Jack (Video IN) to the Video Out Jack.
8	COMPONENT VIDEO OUTPUT JACKS	Connect a TV with Component video inputs to these jacks.
9	COOLING FAN	The fan always revolves when the power is on. Ensure a minimum of 10 Cm of clear space on all sides of the fan when installing the product.

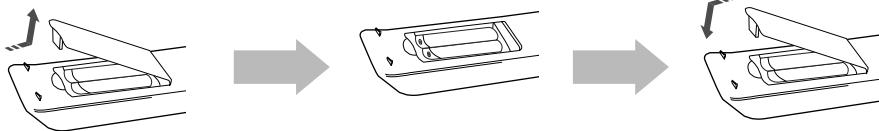
remote control

Operation Range of the Remote Control

The remote control can be used up to approximately 23 feet (7 meters) in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



Insert Remote Batteries



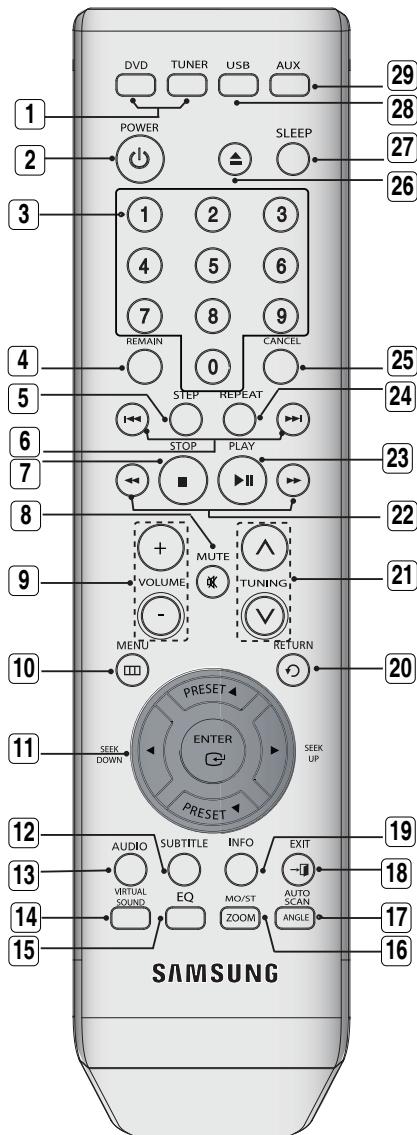
1. Remove the battery cover in the direction of the arrow.
2. Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and -).
3. Replace the battery cover.



Follow these precautions to avoid leaking or cracking cells:

- Place batteries in the remote control so they match the polarity : (+) to (+) and (-) to (-).
- Use the correct type of batteries. Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- Do not expose the batteries to heat or a flame.

TOUR OF THE REMOTE CONTROL



remote control

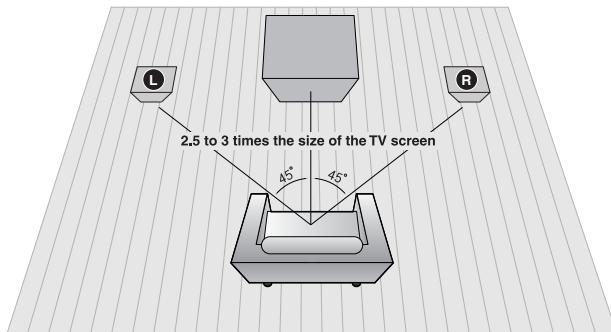
[1] DVD, TUNER RECEIVER button	[18] EXIT button
[2] POWER button	[19] INFO button
[3] Number (0~9) buttons	[20] RETURN button
[4] REMAIN button	[21] TUNNING button
[5] STEP button	[22] REVERSE/FORWARD SEARCH button
[6] REVERSE/FORWARD Skip buttons	[23] PLAY and PAUSE button
[7] STOP Button	[24] REPEAT button
[8] MUTE button	[25] CANCEL button
[9] VOLUME button	[26] EJECT button
[10] MENU button	[27] SLEEP button
[11] Preset ▼, ▲, Seek Up, Down/ Cursor/ Enter button	[28] USB button
[12] SUBTITLE button	[29] AUX button
[13] AUDIO button	
[14] Virtual Sound button	
[15] EQ button	
[16] ZOOM, MO/ST button	
[17] AUTO SCAN, ANGLE button	

connections

This section involves various methods of connecting the Digital Room Cinema to other external components.

Before moving or installing the product, be sure to turn off the power and disconnect the power cord.

CONNECTING THE SPEAKERS



Position of Digital Room Cinema

Place it on a stand or cabinet shelf, or under the TV stand.

Selecting the Listening Position

The listening position should be located about 2.5 to 3 times the distance of the TV's screen size away from the TV.
Example : For 32" TVs 2~2.4m (6~8feet)

For 55" TVs 3.5~4m (11~13feet)

Front Speakers L R

Place these speakers in front of your listening position, facing inwards (about 45°) toward you.

Place the speakers so that their tweeters will be at the same height as your ear.

Align the front face of the front speakers with the front face of the center speaker or place them slightly in front of the center speakers.

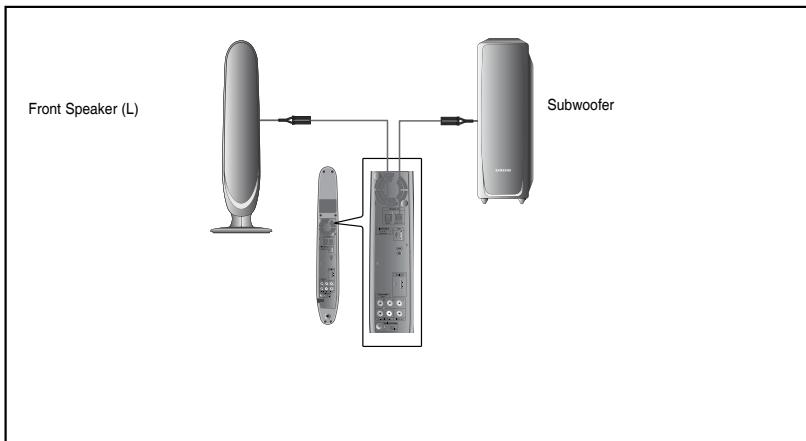
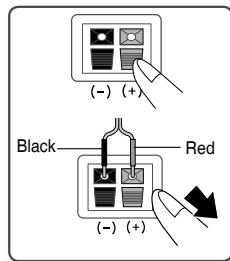
Subwoofer

The position of the subwoofer is not so critical. Place it anywhere you like.

connections

Connecting The Speakers

1. Press down the terminal tab on the back of the speaker.
2. Insert the black wire into the black terminal (-) and the red wire into the red (+) terminal, and then release the tab.
3. Connect the connecting plugs to the back of the Room Cinema.
 - Make sure the colors of the speaker terminals match the colors of the connecting plugs.



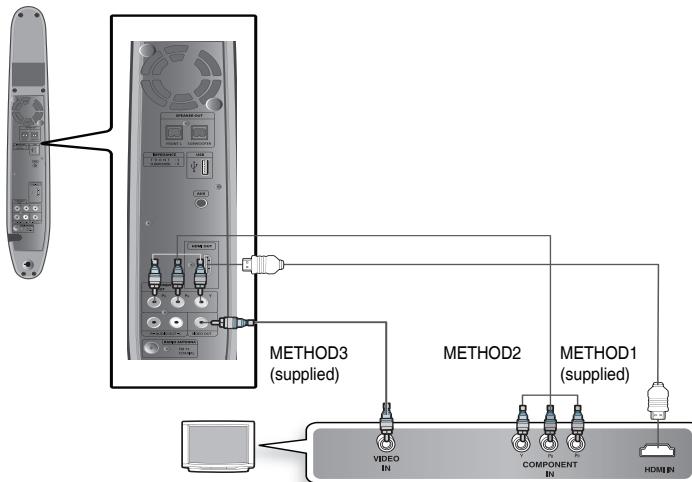
- Do not let children play with or near the speakers. They could get hurt if a speaker falls.
- When connecting the speaker wires to the speakers, make sure that the polarity (+/-) is correct.
- Keep the subwoofer speaker out of reach of children so as to prevent children from inserting their hands or alien substances into the duct (hole) of the subwoofer speaker.
- Do not hang the subwoofer on the wall through the duct (hole).



- If you place a speaker near your TV set, screen color may be distorted because of the magnetic field generated by the speaker. If this occurs, place the speaker away from your TV set.

CONNECTING THE VIDEO OUT TO YOUR TV

Choose one of the three methods for connecting to a TV.



METHOD 1 : HDMI

Connect the HDMI cable from the HDMI OUT jack on the back of the Room Cinema System to the HDMI IN jack on your TV.

METHOD 2 : Component Video

If your television is equipped with Component Video inputs, connect a Component video cable(not supplied) from the Component Video Output (Pr, Pb and Y) jacks on the back of the Room Cinema System to the Component Video Input jacks on your TV.

METHOD 3 : Composite Video

Connect the supplied Video cable from the VIDEO OUT jack on the back of the Room Cinema System to the VIDEO IN jack on your TV.



This product operates in Interlace scan mode 576i(480i) for component output.

connections

HDMI Auto Detection Function

The player's video output will automatically change to HDMI mode when connecting an HDMI cable while power is on.

- **HDMI (High Definition Multimedia Interface)**

HDMI is an interface that enables the digital transmission of video and audio data with just a single connector. Using HDMI, the DVD Room Cinema transmits a digital video and audio signal and displays a vivid picture on a TV having an HDMI input jack.

- **HDMI connection description**

HDMI connector - Supports video and digital audio data.

- HDMI outputs only a pure digital signal to the TV.

- If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.

- **Why does Samsung use HDMI?**

Analog TVs require an analog video/audio signal. However, when playing a DVD, the data transmitted to a TV is digital. Therefore either a digital-to-analog converter (in the DVD Room Cinema) or an analog-to-digital converter (in the TV) is required. During this conversion, the picture quality is degraded due to noise and signal loss. HDMI technology is superior because it requires no D/A conversion and is a pure digital signal from the player to your TV.

- **What is the HDCP?**

HDCP (High-band width Digital Content Protection) is a system for protecting DVD content outputted via HDMI from being copied. It provides a secure digital link between a video source (PC, DVD, etc) and a display device (TV, projector, etc). Content is encrypted at the source device to prevent unauthorized copies from being made.

HDMI FUNCTION

Resolution Selection

This function allows the user to select the screen resolution for HDMI output.

In Stop mode, press the Menu button on the remote control, to setup the HDMI output.

- Resolutions available for the HDMI output are 576p(480p), 720p, 1080i/1080p.
- SD(Standard Definition) resolution is 576p(480p) and HD (High Definition) resolution is 720p, 1080i/1080p.

The default value of HDMI output is 576P(480P).



- If the TV does not support the configured resolution, you will not be able to see the picture properly.
- See your TV owner's manual for more information on how to select the TV's Video Input source.

Why use HDMI (High Definition Multimedia Interface)?

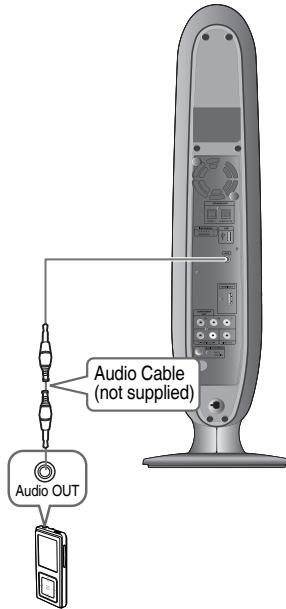
This device transmits a DVD video signal digitally without the process of converting to analog. You will get sharper digital pictures when using an HDMI connection.

connections

CONNECTING AUDIO FROM EXTERNAL COMPONENTS

AUX : Connecting an External Component/MP3 player

Components such as an MP3 Player



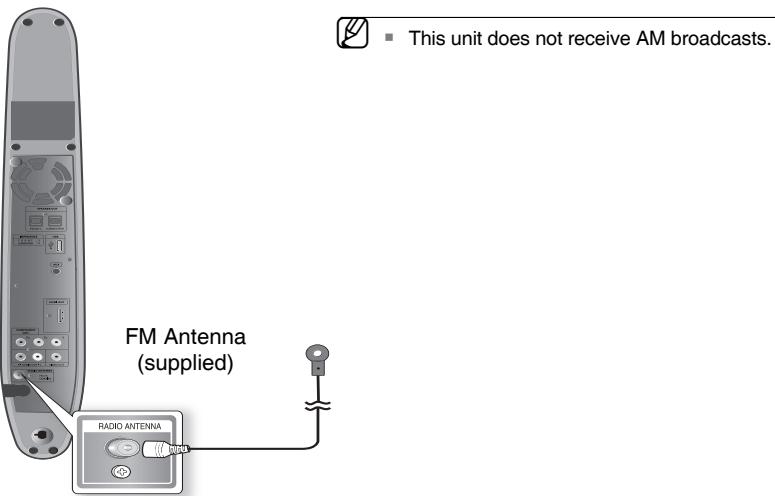
1. Connect AUX IN (Audio) on the Room Cinema to the Audio Out of the external component/MP3 player.
2. Press the **AUX** button on the remote control to select **AUX** input.



- When the unit is powered on and you connect an iPod MP3 player, the unit will charge your iPod's battery.

CONNECTING THE FM ANTENNA

1. Connect the FM antenna supplied to the FM 75Ω COAXIAL Jack.
2. Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.

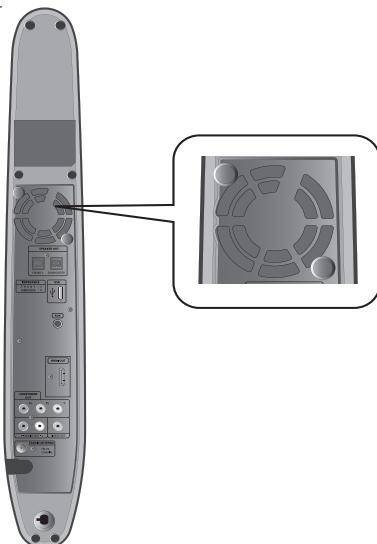


Cooling Fan

The cooling fan supplies cool air to the unit to prevent overheating.

Please observe the following cautions for your safety.

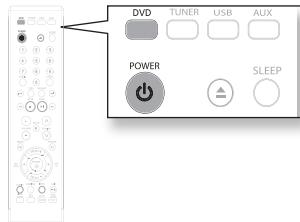
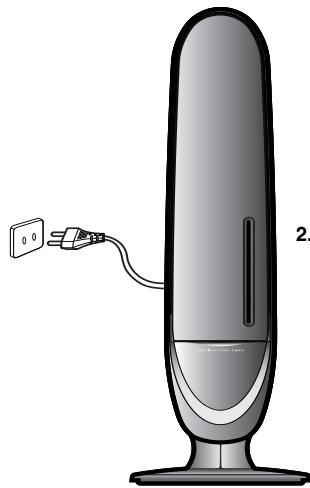
- Make sure the unit is well-ventilated. If the unit has poor ventilation, the temperature inside the unit may rise and may damage it.
- Do not obstruct the cooling fan or ventilation holes. (If the cooling fan or ventilation holes are covered with a newspaper or cloth, heat may build up inside the unit and fire may result.)



before using your Room Cinema

The Room Cinema System

1. Plug the main unit's power cord into the AC power supply.



2. Press the **DVD** button to switch to DVD mode to operate the DVD Room Cinema.



- When you turn the power on or off by using the key touch on the main set, there will be a delay time about 3 seconds.
- There will be a delay time 2 seconds, while you were ejecting the disc.

playback

DISC PLAYBACK

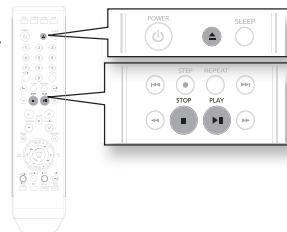


1. Load a disc vertically into the Disc Insert Hole.
 - Place a disc vertically into a disc slot with the disc facing right.
2. **PLAY (◎)** button.
 - Playback starts automatically.



To stop playback, press the STOP (■) button during playback.

- If pressed once, **PRESS PLAY** is displayed and the stop position will be stored in memory. If the **PLAY (◎)** button or **ENTER** button is pressed, playback resumes from the stop position.
(This function works only with DVDs.)
- If pressed twice, **STOP** is displayed, and if the **PLAY (◎)** button is pressed, playback starts from the beginning.



To temporarily pause playback, press the PAUSE (◎) button during playback.

- To resume playback, press the **PLAY (◎)** button again.

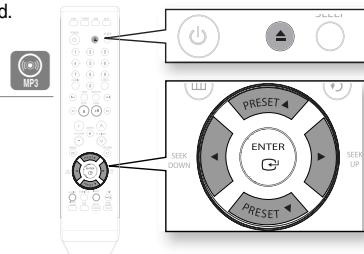


- Depending on the content of the disc, the initial screen may appear different.
- Pirated discs will not run in this player because it violates the CSS (Content Scrambling System : a copy protection system) recommendations.

playback

MP3/WMA-CD PLAYBACK

Data CDs (CD-R, CD-RW) encoded in MP3/WMA format can be played.



1. Load the MP3/WMA disc.
 - The MP3/WMA menu screen will appear and playback will start.
 - The appearance of the menu depends on the MP3/WMA disc.
 - WMA-DRM files cannot be played.
2. In Stop mode, use the Cursor ▼, ▲, ◀, ▶ button to select the album, and then press the **ENTER** button.
 - Use the Cursor ▼, ▲ button to select the track.
3. To change the album, use the Return and Cursor ▼, ▲ button to select another album, and then press the **ENTER**.
4. Press the **STOP (■)** button to stop playback.



- Depending on the recording mode, some MP3/WMA-CDs may not play.
- Table of contents of a MP3-CD varies depending on the MP3/WMA track format recorded on the disc.

To play a file icon in the screen,

- Press the Cursor ▼, ▲, ◀, ▶ button when it is in Stop mode and select a desired icon from the top part of the menu.



Music File Icon : To play music files only, select the  icon.

Image File Icon : To view image files only, select the  icon.

Movie File Icon : To view movie files only, select the  icon.

JPEG File Playback

Images captured with a digital camera or camcorder, or JPEG files on a PC can be stored on a CD and then played back with this Room Cinema.

Picture CD Playback



If you insert a Picture (JPEG) CD Disc into the Room Cinema System, you can see the folder directory.

- 1 Press the ▲ or ▼ button to select the picture you want to view, then press the ENTER button. The selected picture is displayed.



- 2 Press the |◀◀ or ▶▶| button to display the previous or next picture.



Rotation



Press the ▲ or ▼ button to select . Each time the ENTER button is pressed, the picture rotates 90 degrees clockwise.



playback

Zoom



Press the **◀** or **▶** button to select . Each time the ENTER button is pressed, the picture is enlarged up to 4X. (Normal → 2X → 4X → 2X → Normal)



Slideshow



Press the **◀** or **▶** button to select . Press the ENTER button. The 3 icons are displayed for time interval.



Press the **◀** or **▶** button to select one of these. Press the ENTER button.

- The pictures change automatically with about an 6 second interval.
- The pictures change automatically with about an 12 second interval.
- The pictures change automatically with about an 18 second interval.
- Depending on the file size, each interval --between images may take longer or shorter --than the manual suggests.



- The maximum resolutions supported by this product are 5120 x 3480 (or 19.0 MPixel) for standard JPEG files and 2048 x 1536 (or 3.0 MPixel) for progressive image files.
- If a JPEG file is played when the HDMI output resolution is 720p/1080i/1080p, the mode is automatically converted to 576p(480p) mode.

DIVX PLAYBACK

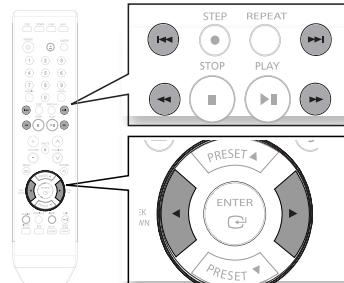
The functions on this page apply to DivX disc playback.



Skip Forward/Back

During playback, press the [$\blacktriangleleft\blacktriangleleft$ or $\triangleright\triangleright$] button.

- Goes to the next file whenever you press the $\triangleright\triangleright$ button, if there are over 2 files in the disc.
- Goes to the previous file whenever you press the $\blacktriangleleft\blacktriangleleft$ button, if there are over 2 files in the disc.



Fast Playback

During playback, press the $\blacktriangleleft\blacktriangleleft$, $\triangleright\triangleright$ button.

To play back the disc at a faster speed, press the $\blacktriangleleft\blacktriangleleft$ or $\triangleright\triangleright$ button during playback.

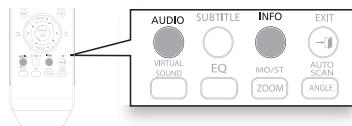
- Each time you press either button, the playback speed will change as follows:
 $2x \rightarrow 4x \rightarrow 8x$.



Audio Display

Press the **AUDIO** button.

- If there are multiple audio tracks on a disc, you can toggle between them.
- Each time you press the button, your selection will toggle between **AUDIO (1/N, 2/N ...)** and $\textcircled{\times}$.



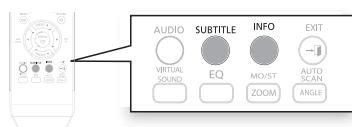
$\textcircled{\times}$ is displayed when there is one supported language in the disc.



Subtitle Display

Press the **SUBTITLE** button.

- Each time you press the button, your selection will toggle between **SUBTITLE (1/N, 2/N ...)** and **SUBTITLE OFF**.
- If the disc has only one subtitle file, it will be played automatically.
- See number 2 (Caption Function) below for more details concerning Subtitle usage with DivX discs.



playback

DivX(Digital internet video eXpress)

DivX is a video file format developed by Microsoft and is based on MPEG4 compression technology to provide audio and video data over the Internet in real-time.

MPEG4 is used for video encoding and MP3 for audio encoding so that the users can watch a movie at near DVD-quality video and audio.

1. Supported Formats

This product only supports the following media formats. If both video and audio formats are not supported, the user may experience problems such as broken images or no sound.

Supported Video Formats

Format	AVI	WMV
Supported Versions	DivX3.11~DivX5.1, XviD	V1/V2/V3/V7

Supported Audio Formats

Format	MP3	WMA	AC3
Bit Rate	80~384kbps	56~128kbps	128~384kbps
Sampling Frequency	44.1khz		44.1/48khz

- Aspect Ratio : Although the default DivX resolution is 640x480 pixels (4:3), this product supports up to 800x600 pixels (16:9). TV screen resolutions higher than 800 will not be supported.
- When you play a disc whose sampling frequency is higher than 48khz or 320kbps, you may experience shaking on the screen during playback.

2. Caption Function

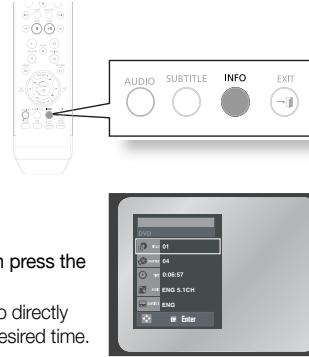
- You must have some experience with video extraction and editing in order to use this feature properly.
- To use the caption function, save the caption file (*.smi) in the same file name as that of the DivX media file (*.avi) within the same folder.
Example. Root Samsung_007CD1.avi
 Samsung_007CD1.smi
- Up to 60 alphanumeric characters or 30 East Asian characters (2 byte characters such as Korean and Chinese) for the file name.

USING THE PLAYBACK FUNCTION

Displaying Disc Information

To view the current Title, Chapter, and counter position, press the INFO button during DVD playback. The display screen can also be used to quickly choose a title, chapter, or playing time.

1. View the Display During DVD playback, press the INFO button.
 - To make the screen disappear, press the EXIT button again.
2. Press the ▲ OR ▼ button to select the desired item.
3. Press the ◀ OR ▶ button to make the desired setup, then press the ENTER button.
 - You may use the number buttons of the remote control to directly access a title, chapter or to start the playback from the desired time.
4. To make the screen disappear, press the EXIT button again.



To access the desired title when there is more than one in the disc. For example, if there is more than one movie on a DVD, each movie will be identified. A DVD may contain several different titles. For example, if a disc contains four different movies, each might be considered a title.



Most of DVD discs are recorded in chapters so that you can quickly find a specific passage. Each Title on a DVD is usually divided into chapters.



Allows playback of the film from a desired time.



Refers to the language of the film soundtrack. In the example, the soundtrack is played in English 5.1CH. A DVD disc can have up to eight different soundtracks.

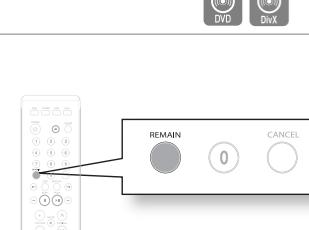


Refers to the subtitle languages available in the disc. You will be able to choose the subtitles language or, if you prefer, turn them off from the screen. A DVD disc can have up to 32 different subtitles.

Checking the Remaining Time

Press the REMAIN button.

- For checking the total remaining time of being played.



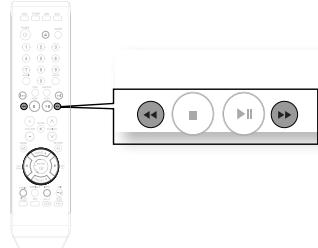
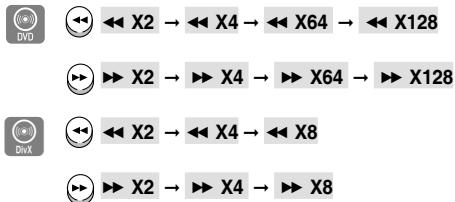
playback

Fast Playback



Press the (◀◀ or ▶▶) button.

- Each time the button is pressed during playback, the playback speed changes as follows:

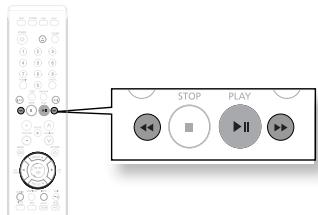
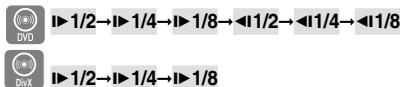


Slow Playback



In Pause mode, Press the (◀◀ or ▶▶) button.

- Each time the button is pressed during playback, the playback speed changes as follows:



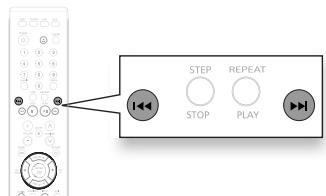
- No sound is heard during slow playback.
- Reverse slow playback does not work with DivX.

Skipping Scenes/Songs



Press the [<◀◀ or ▶▶] button.

- Each time the button is pressed during playback, the previous or next chapter, track or directory (file) will be played.



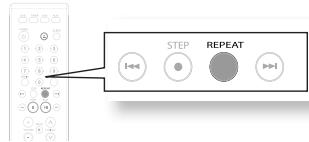


Repeat Playback

Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).

Press the **REPEAT** button.

- Each time the button is pressed during playback, the repeat playback mode changes as follows:



REPEAT : OFF → **REPEAT : CHAPTER** → **REPEAT : TITLE** → **REPEAT : A-B**



REPEAT : OFF → **REPEAT : TRACK** → **REPEAT : FOLDER** → **REPEAT : RANDOM**



REPEAT : OFF → **REPEAT : TITLE** → **REPEAT : FOLDER**

CHAPTER : Repeatedly plays the selected chapter.

TITLE : Repeatedly plays the selected title.

TRACK : Repeatedly plays the selected track.

FOLDER : Repeatedly plays the selected folder

OFF : Cancels Repeat Playback.

RANDOM : You can listen to songs randomly or in the desired sequence.

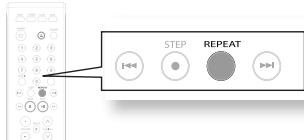
playback

A-B Repeat Playback



You can repeatedly play back a designated section of a DVD.

1. Press the **REPEAT** button.
2. Press the Cursor **◀** or **▶** button to select **A-** and then press the **ENTER** button.
 - When the **ENTER** button is pressed, the selected position will be stored in memory.
3. Press the **ENTER** button at the end of the desired segment.
 - The specified segment will be played repeatedly.



➤ To return to normal playback, press the Cursor **◀** or **▶** button to select **OFF**.



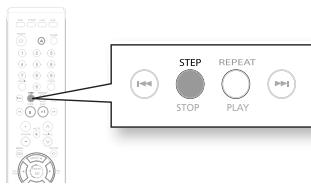
■ The A-B Repeat function does not operate with DivX, MP3 or JPEG discs.



Step Function

Press the **STEP** button.

- The picture moves forward one frame each time the button is pressed during playback.

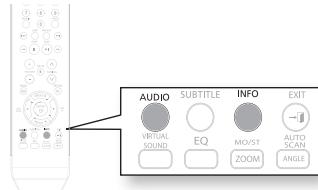


■ No sound is heard during step motion playback.



Audio Language Selection Function

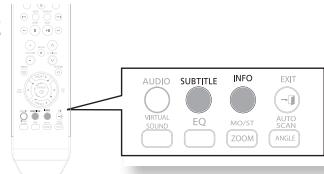
1. Press the **INFO** button.
2. Press the Cursor **▲** or **▼** button to select the desired audio language.
 - Depending on the number of languages on a DVD disc, a different audio language (ENGLISH, SPANISH, FRENCH, etc.) is selected each time the button is pressed.



- To operate this function, you can also press the **AUDIO** buttons on the remote control.
- Depending on the disc, the Audio Language functions may not be available.

Subtitle Language Selection Function

1. Press the **INFO** button.
2. Press the Cursor **▲** or **▼** button to move to **SUBTITLE** (■) display.
3. Press the Cursor **◀** or **▶** button or **ENTER** button to select the desired subtitle.



- To operate this function, you can also press the **SUBTITLE** buttons on the remote control.
- Depending on the disc, the Subtitle Language functions may not be available.

playback

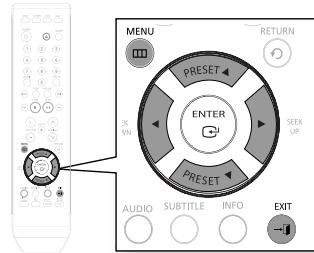
Using the Disc Menu



You can use the menus for the audio language, subtitle language, profile, etc.

DVD menu contents differ from disc to disc.

1. Press the **MENU** button.
2. Press the Cursor **▲** or **▼** button or numeric buttons to move to **Disc Menu** and then press the **ENTER** button.
 - When you select Disc Menu and it is not supported by the disc, the "This menu is not supported" message appears on the screen.
3. Press the Cursor **▲**, **▼**, **◀**, **▶** button to select the desired item.
4. Press the **ENTER** button.



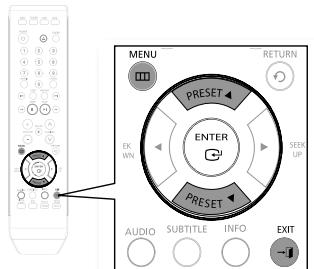
■ The disc menu display may be different depending on the disc.

Using the Title Menu



For DVDs containing multiple titles, you can view the title of each movie. Depending on the disc, the availability of this feature may vary.

1. Press the **MENU** button.
2. Press the Cursor **▲** or **▼** button to move to **Title Menu**.
3. Press the **ENTER** button.
 - The title menu appears.



■ The Title menu display may be different depending on the disc.

Virtual-SOUND

This features can be used for producing much more realistic sounds in 5.1 channels.

Press the VIRTUAL-SOUND button.

- Each time the button is pressed, the selection changes as follows :

VIRTUAL SOUND ON → **VIRTUAL SOUND OFF**



■ For DVD Discs that has LPCM 2CH Features, can use this function.

PLAYING MEDIA FILES USING THE USB HOST FEATURE

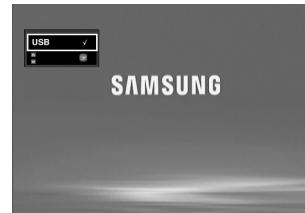
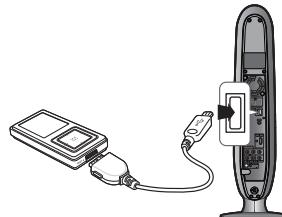
You can enjoy the media files such as pictures, movies and tunes saved in an MP3 player, USB memory or digital camera in high audio by connecting the storage device to the USB port of the Room Cinema System.

Using the USB HOST feature

1. Connect the USB device to the USB port on the front of the unit.
2. If there is partition Of USB, Press the **▲/▼** button to select the one of partition from USB, then Press **ENTER**.
3. Press the **▲/▼** or **◀/▶** buttons to select a file in USB. Press **ENTER** to Open file.

Note

- Each time the USB button on the remote control is pressed, a frame of the USB device selection will appear.
- "USB" appears on the display screen.
- USB MENU screen appears on the TV screen and the saved file is played.



Safe USB Removal

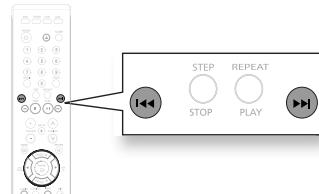
To prevent damage to the memory stored in the USB device, perform safe removal before disconnecting the USB cable.

- Press the STOP (■) button
- Remove the USB cable.

Skip Forward/Back

During playback, press the (◀◀ or ▶▶) button.

- When there is more than one file, when you press the ▶◀ or ▶▶ button, the next and previous file is selected.



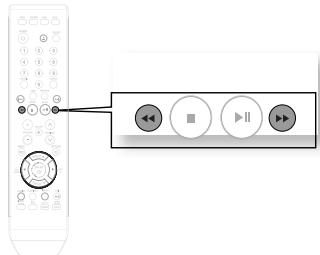
playback

Fast playback

During playback, press the **<<, >>** button.

- Each time you press either button, the playback speed will change as follows:

2x → 4x → 8x.



Compatible Devices

1. USB devices that support USB Mass Storage v1.0. (USB devices that operate as a removable disc in Windows (2000 or later) without additional driver installation.)
2. MP3 Player: HDD and flash type MP3 players.
3. Digital camera: Cameras that support USB Mass Storage v1.0.
 - Cameras that operate as a removable disc in Windows (2000 or later) without additional driver installation.
4. USB HDD and USB Flash Drive: Devices that support USB2.0 or USB1.1.
 - You may experience a difference in playback quality when you connect a USB1.1 device.
 - For a USB HDD, make sure to connect an auxiliary power cord to the USB HDD for proper operation.
5. USB card Reader: One slot USB card reader and Multi slot USB card reader.
 - Depending on the manufacturer, the USB card reader may not be supported.
 - If you install multiple memory devices into a multi card reader, you may experience problems.
6. If you use a USB extension cable, the USB device might not be recognized.

Supported Formats

Format	File name	File extension	Bit rate	Version	Pixel	Sampling Frequency
Still Picture	JPG	.JPG .JPEG	–	–	640x480	–
Music	MP3	.MP3	80~384kbps	–	–	44.1kHz
	WMA	.WMA	56~128kbps	V8	–	44.1kHz
Movie	DivX	.AVI,.ASF	4Mbps	DivX3.11~ DivX5.1, XviD	720x480	44.1KHz~48KHz

- CBI (Control/Bulk/Interrupt) is not supported.
- Digital Cameras that use PTP protocol or require additional program installation when connected to a PC are not supported.
- A device using NTFS file system is not supported. (Only FAT 16/32 (File Allocation Table 16/32) file system is supported.)
- Some MP3 players, when connected to this product, may not operate depending on the sector size of their file system.
- The USB host function is not supported if a product that transfers media files by its manufacturer-specific program is connected.
- Does not operate with Janus enabled MTP (Media Transfer Protocol) devices.
- **The USB host function of this product does not support all USB devices. For information on the supported devices, see page 48.**

system setup

For your convenience, you can set this Room Cinema's features for the best use in your home environment.

SETTING THE LANGUAGE

OSD(On-Screen Display) language is set to English by default.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** or **▶** button.
3. Select **Language Setup** and then press the **ENTER** or **▶** button.
4. Press the Cursor **▲, ▼** button to select **Player Menu** and then press the **ENTER** or **▶** button.
5. Press the Cursor **▲, ▼** button to select the desired language and then press the **ENTER** button.
 • The language is selected and the screen returns to Language Setup Menu.

➤ Press the **RETURN** button to return to the previous level.
 ➤ Press the **EXIT** button to exit the setup screen.



- **Player Menu** : Selecting the Player Menu Language.
- **DISC MENU** : Selecting the Disc Menu Language (recorded on the disc)
- **AUDIO** : Selecting the Audio Language (recorded on the disc)
- **SUBTITLE** : Selecting the Subtitle Language (recorded on the disc)
- **DivX Subtitle** : Selecting the DivX Subtitle Language.



system setup

SETTING THE AUDIO

OSD(On-Screen Display) language is set to English by default.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** or **►** button.
3. Select **Audio Setup** and then press the **ENTER** or **►** button.
4. Press the Cursor **▲,▼** button to select the required item.
5. Press the Cursor **▲,▼** button to select the desired option and then press the **ENTER** button.
 - The option is selected and the screen returns to Audio Setup Menu.

➢ Press the **RETURN** button to return to the previous level.

➢ Press the **EXIT** button to exit the setup screen.



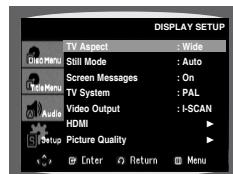
- **Digital Out :**
 - PCM: Converts to PCM (2CH) audio. Select PCM when using the Analog Audio Outputs.
 - Bitstream: Converts to Dolby Digital Bitstream (5.1CH).Select Bitstream when using the Digital Audio Output.
- **Dynamic Compression :**
 - On: To select dynamic compression.
 - Off: To select the standard range.
- **PCM Down Sampling:**
 - On: Select this when the amplifier connected to the player is not 96KHz compatible. In this case, the 96KHz signals will be down converted to 48KHZ.
 - Off: Select this when the amplifier connected to the player is 96KHz compatible. In this case, all signals will be output with out any changes.

SETTING THE DISPLAY

Depending on your TV type (Wide Screen or conventional 4:3), you can select the TV's aspect ratio.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Setup** and then press the **ENTER** or **►** button.
3. Press the Cursor **▼** button to move to **Display Setup** and then press the **ENTER** or **►** button.
4. Press the Cursor **▲, ▼** button to select the desired item and then press the **ENTER** button.
 - Once the setup is complete, you will be taken to the previous screen.

➤ Press the **RETURN** button to return to the previous level.
 ➤ Press the **EXIT** button to exit the setup screen.



Adjusting the TV Aspect Ratio (Screen Size)

The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of widescreen and high definition TVs is 16:9. This ratio is called the aspect ratio. When playing DVDs recorded in different screen sizes, you should adjust the aspect ratio to fit your TV or monitor.

For a standard TV, select either **4:3PS** or **4:3LB** option according to personal preference.
 Select **WIDE/HDTV** if you have a widescreen TV.

4:3 Letter box

Select this to play a 16:9 picture in the letter box mode on a conventional TV. Black bars will appear at the top and bottom of the screen.



4:3 Pan&Scan

Select this to play a 16:9 picture in the pan & scan mode on a conventional TV.

- You can see the central portion of the screen only (with the sides of the 16:9 picture cut off).



16:9 WIDE

Select this to view a 16:9 picture in the full-screen mode on your widescreen TV.

- You can enjoy the widescreen aspect.



- If a DVD is in the 4:3 ratio, you cannot view it in widescreen.
- Since DVD discs are recorded in various image formats, they will look different depending on the software, the type of TV, and the TV aspect ratio setting.
- When using HDMI, the screen is automatically converted to Wide mode.

system setup

STILL MODE

These option will help prevent picture shake in still mode and display small text clearer.

- Auto : When selecting Auto, field/Frame mode will be automatically converted.
- Field : Select this feature when the screen shakes in the Auto mode.
- Frame : Select this feature when you want to see small letters more clearly in the Auto mode.

SCREEN MESSAGES

Use to turn on-screen messages On or Off.

TV SYSTEM

NTSC : In case of using NTSC disc.

- If your TV system only has PAL-Video input, you must choose "PAL".
When you chose "PAL"

Interlace output format is PAL 60Hz output.

- If your TV system only has NTSC, input you must choose : "NTSC"

PAL : In case of using PAL Disc.

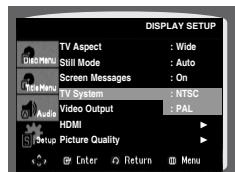
- If you set up the NTSC TV, HDMI output frame rate is 60Hz.

PAL : In case of using PAL Disc.

- If your TV system only has NTSC-Video input, you must choose "NTSC"

- If your TV system only has PAL input, you must choose "PAL"

- If you set up the PAL TV, HDMI output frame rate is 50Hz.



VIDEO OUTPUT

Select Video Output.

- I-SCAN : Select when you want to use Component Interlace (525i) Out.

- P-SCAN : Select when you want to use Component Progressive (525p) Out.

- If the Yes/No selection in the Display Setup sub Menu is not made within 10 seconds, the screen returns to the previous menu.



HDMI

This setting is used when the unit is connected by HDMI with Display devices (TV, Projector, etc).

- Resolution Setting
 - Auto : Auto resolution setting.
 - Manual : Manual resolution setting.

- Resolution

- 480p/576p : 720 X 480, 720 X 576
- 720p : 1280 X 720
- 1080i : 1920 X 1080
- 1080p : 1920 X 1080



PICTURE QUALITY

- Black Level : Adjusts the brightness of the screen, (On or Off) it does not function in progressive mode.
- Brightness : Level 1 ~ level 5
- Contrast : Level 1 ~ level 5
- Color Saturation : Level 1 ~ level 5



- Consult your TV User's manual to find out if your TV support Progressive Scan. If Progressive Scan is supported, follow the TV User's Manual regarding Progressive Scan setting in the TV's menu system.
- If video OUtput is set incorrectly, the screen maybe blocked.
- The resolutions available for HDMI output depend on the connected TV or projector. For details, see the user's manual of your TV or projector.
- When the resolution is changed during playback, it may take a few seconds for a normal image to appear.
- If you set the HDMI output resolution 720p, 1080p or 1080i, HDMI output provides better picture quality.

system setup

SETTING THE PASSWORD PARENTAL CONTROLS

You can set the password for the Parental (rating level) setting.

1. In Stop mode, press the **MENU** button.
2. Press the **▲** or **▼** button to select **SETUP**, then press the **Enter** or **▶** button.
3. Press the **▲** or **▼** button to select **Parental Setup**. Then press the **Enter** or **▶** button.
4. The **Enter Password** menu is displayed. Enter your password by pressing the number buttons.



■ The password is set to "0000" by default.

If you have forgotten the rating level password, do the following

- While the player is in No Disc mode, hold the SKIP (**▶▶I**) button on the front panel for longer than 5 seconds. INITIAL appears on the display and all settings will return to the default values.
- Using the **RESET** function will erase all stored settings. Do not use this unless necessary.

SETTING (RATING LEVEL)

Use this to restrict playback of adult or violent DVDs you do not want children to view.

1. In Stop mode, press the **MENU** button.
2. Press the **▲** or **▼** button to select **SETUP**, then press the **Enter** or **▶** button.
3. Press the **▲** or **▼** button to select **Parental Setup**. Then press the **Enter** or **▶** button.
4. Press the **▲** or **▼** button to select **Rating Level**, then press the **ENTER** or **▶** button.
 - For example, if you select up to level 6, Discs that contain Level 7, 8 will now not play.
5. To make the Setup menu disappear press the **MENU** button.



➤ Press the **RETURN** button to return to the previous level.
➤ Press the **EXIT** button to exit the setup screen.

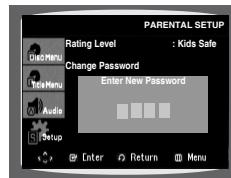
■ This function works only if a DVD disc contains the rating level information.

CHANGE PASSWORD

Use this to restrict playback of adult or violent DVDs you do not want children to view.

1. In Stop mode, press the **MENU** button.
2. Press the **▲** or **▼** button to select **SETUP**, then press the **Enter** or **▶** button.
3. Press the **▲** or **▼** button to select **Parental Setup**. Then press the **Enter** or **▶** button.
4. Press the **▲** or **▼** button to select **Change Password**.
5. The Enter Password is displayed. Enter your password by pressing the number buttons. Then the Enter New Password is displayed to confirm the password.
6. To make the Setup menu disappear press the **MENU** button.

➤ Press the **RETURN** button to return to the previous level.
➤ Press the **EXIT** button to exit the setup screen.



■ This function works only if a DVD disc contains the rating level information.

DIVX (R) REGISTRATION

Please use the Registration code to register this player with the DivX (R) video on demand format.

To learn more, go to www.divx.com/vod.



system setup

SETTING THE DRC (DYNAMIC RANGE COMPRESSION)

This feature balances the range between the loudest and quietest sounds. You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Audio** and then press the **ENTER** or **▶** button.
3. Press the Cursor **▼** button to move to **DRC** and then press the **ENTER** or **▶** button.
4. Press the Cursor **▲, ▼** to adjust the **DRC**.
 - When the Cursor **▲** button is pressed, the effect is greater, and when the Cursor **▼** button is pressed, the effect is smaller.

➤ Press the **RETURN** button to return to the previous level.
➤ Press the **EXIT** button to exit the setup screen.

SETTING THE EQUALIZER FUNCTION

EQ : You can select CLASSIC, ROCK, JAZZ or POP to optimize the sound for the genre of music you are playing

1. In Stop mode, press the **MENU** button.
2. Press the Cursor **▼** button to move to **Audio** and then press the **ENTER** or **▶** button.
3. Press the Cursor **▼** button to move to **EQUALIZER** and then press the **ENTER** or **▶** button.
4. Press the Cursor **▲, ▼** to choose the **EQUALIZER**.

EQ.OFF → **EQ.CLASSIC** → **EQ.ROCK** → **EQ.JAZZ** → **EQ.POP**



■ This feature works with CDs, MP3-CDs, DivX, tuner and Dolby Digital discs.

radio

LISTENING TO RADIO

This feature lets you to listen FM radio from this Room Cinema System. Anytime we want to display FM radio menu, just press TUNER button on the remote control.

❖ To Scan the frequency

- With the unit in Stop mode, Press the TUNER button on the remote control.
- Press the ▲ or ▼ button to scan the frequency manually.

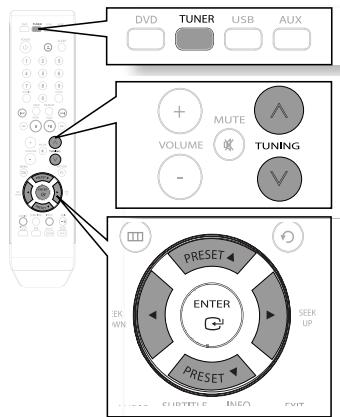
It will seek automatically for an available frequency within range.

❖ To change the preset value

- With the unit in Stop mode, Press the TUNER button on the remote control.
- Press PRESET ▼ or ▲ buttons. The preset number are selected.

❖ To save the frequency value as a preset mode.

- Please do 1-2 step above before saving the frequency.
- Press STOP or ENTER button to save frequency value as the preset number
After press STOP or ENTER button, the value on the preset will be blinking for around 5 second.
- Press STOP or ENTER again to save the frequency. To return from FM radio menu, just press RETURN button and if there is a disk on the tray, it will play automatically.



- FM radio can be accessed when the player no disc and the unit in stop mode.
- While you were listening the Radio, if there is no operations for 3 minutes, the screen saver will appear.
- This conditions will be back to normal, if you press any button.

troubleshooting

Refer to the chart below when this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

SYMPTOM	Check/Remedy
I cannot eject the disc.	<ul style="list-style-type: none">• Is the power cord plugged securely into the outlet?• Turn off the power and then turn it back on.
Playback does not start.	<ul style="list-style-type: none">• Check the region number of the DVD. DVD discs purchased from abroad may not be playable.• CD-ROMs and DVD-ROMs cannot be played on this Room Cinema System.• Make sure that the rating level is correct.
Playback does not start immediately when the Play/Pause button is pressed.	<ul style="list-style-type: none">• Are you using a deformed disc or a disc with scratches on the surface?• Wipe the disc clean.
Sound is not produced.	<ul style="list-style-type: none">• No sound is heard during fast playback, slow playback, and step motion playback.• Are the speakers connected properly? Is the speaker setup correctly customized?• Is the disc severely damaged?
The remote control does not work.	<ul style="list-style-type: none">• Is the remote control being operated within its operation range of angle and distance?• Are the batteries exhausted?

SYMPTOM	Check/Remedy
<ul style="list-style-type: none"> • Disc is rotating but no picture is produced. • Picture quality is poor and picture is shaking. 	<ul style="list-style-type: none"> • Is the TV power on? • Are the video cables connected properly? • Is the disc dirty or damaged? • A poorly manufactured disc may not be playable.
Audio language and subtitles do not work.	<ul style="list-style-type: none"> • Audio language and subtitles will not work if the disc does not contain them.
Menu screen does not appear even when the menu function is selected.	<ul style="list-style-type: none"> • Are you using a disc that does not contain menus?
Aspect ratio cannot be changed.	<ul style="list-style-type: none"> • You can play 16:9 DVDs in 16:9 WIDE mode, 4:3 LETTER BOX mode, or 4:3 PAN SCAN mode, but 4:3 DVDs can be seen in 4:3 ratio only. Refer to the DVD disc jacket and then select the appropriate function.
<ul style="list-style-type: none"> • The main unit is not working. (Example: The power goes out or strange noise is heard.) • The Room Cinema System is not working normally. 	<ul style="list-style-type: none"> • While the player is in No Disc mode, hold the SKIP (▶▶) button on the front panel for longer than 5 seconds. <p>Using the RESET function will erase all stored settings. Do not use this unless necessary.</p>
The password for rating level has been forgotten.	<ul style="list-style-type: none"> • Press the ▶▶ button (in front panel) for more than 5 seconds <p>under no disc inside. All settings including the password will revert to the factory settings. Don't use this unless absolutely necessary.</p> <p>Using the RESET function will erase all stored settings. Do not use this unless necessary.</p>
Can't receive radio broadcast.	<ul style="list-style-type: none"> • Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.

USB host feature supported products

DIGITAL CAMERA

Product	Company	Type	Product	Company	Type
Finepix-A340	Fuji	Digital Camera	U300	Olympus	Digital Camera
Finepix-F810	Fuji	Digital Camera	X-350	Olympus	Digital Camera
Finepix-F610	Fuji	Digital Camera	C-760	Olympus	Digital Camera
Finepix-f450	Fuji	Digital Camera	C-5060	Olympus	Digital Camera
Finepix S7000	Fuji	Digital Camera	X1	Olympus	Digital Camera
Finepix A310	Fuji	Digital Camera	U-mini	Olympus	Digital Camera
KD-310Z	Konica	Digital Camera	Lumix-FZ20	Panasonic	Digital Camera
Finecam SL300R	Kyocera	Digital Camera	DMC-FX7GD	Panasonic	Digital Camera
Finecam SL400R	Kyocera	Digital Camera	Lumix LC33	Panasonic	Digital Camera
Finecam S5R	Kyocera	Digital Camera	LUMIX DMC-F1	Panasonic	Digital Camera
Finecam Xt	Kyocera	Digital Camera	Optio-S40	Pentax	Digital Camera
Dimage-Z1	Minolta	Digital Camera	Optio-S50	Pentax	Digital Camera
Dimage Z1	Minolta	Digital Camera	Optio 33LF	Pentax	Digital Camera
Dimage X21	Minolta	Digital Camera	Optio MX	Pentax	Digital Camera
Coolpix4200	Nikon	Digital Camera	Digimax-420	Samsung	Digital Camera
Coolpix4300	Nikon	Digital Camera	Digimax-400	Samsung	Digital Camera
Coolpix 2200	Nikon	Digital Camera	Sora PDR-T30	Toshiba	Digital Camera
Coolpix 3500	Nikon	Digital Camera	Coolpix 5900	Nikon	Digital Camera
Coolpix 3700	Nikon	Digital Camera	Coolpix S1	Nikon	Digital Camera
Coolpix 4100	Nikon	Digital Camera	Coolpix 7600	Nikon	Digital Camera
Coolpix 5200	Nikon	Digital Camera	DMC-FX7	Panasonic	Digital Camera
Stylus 410 digital	Olympus	Digital Camera	Dimage Xt	Minolta	Digital Camera
300-digital	Olympus	Digital Camera	AZ-1	Olympus	Digital Camera
300-digital	Olympus	Digital Camera			

USB FLASH DISC

Product	Company	Type	Product	Company	Type
Cruzer Micro	Sandisk	USB 2.0 USB Flash Drive 128M	XTICK	LG	USB 2.0 128M
Cruzer Mini	Sandisk	USB 2.0 128M	Micro Mini	Iomega	USB 2.0 128M
Cruzer Mini	Sandisk	USB 2.0 256M	iFlash	Imation	USB 2.0 64M
SONY Micro Vault	Sony	USB 2.0 64MB	LG	XTICK(M)	USB 2.0 64M
FLEX DRIVE	Serotech	USB 2.0 32MB	RiDATA	EZDrive	USB 2.0 64M
AnyDrive	A.L tech	USB 2.0 128MB			

MP3 PLAYER

Product	Company	Type	Product	Company	Type
Creative MuVo NX128M	Creative	128 MB MP3 Player	YP-780	Samsung	MP3 Player
Iriver H320	Iriver	20G HDD MP3 Player	YP-35	Samsung	MP3 Player
YH-920	Samsung	20G HDD MP3 Player	YP-55	Samsung	MP3 Player
YP-T7	Samsung	MP3 Player	iAUDIO U2	Cowon	MP3 Player
YP-MT6	Samsung	MP3 Player	iAUDIO G3	Cowon	MP3 Player
YP-T6	Samsung	MP3 Player	iAudio M3	Cowon	HDD MP3 Player
YP-53	Samsung	MP3 Player	SI-M500L	Sharp	256MB MP3 Player
YP-ST5	Samsung	MP3 Player	H10	Iriver	MP3 Player
YP-T5	Samsung	MP3 Player	YP-T5 VB	Samsung	MP3 Player
YP-60	Samsung	MP3 Player	YP-53	Samsung	256MB MP3 Player

appendix

CAUTIONS ON HANDLING AND STORING DISCS

Small scratches on the disc may reduce sound and picture quality or cause skipping.

Be especially careful not to scratch discs when handling them.

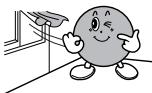
Handling discs

Do not touch the playback side of the disc.

Hold the disc by the edges so that fingerprints will not get on the surface.

Do not stick paper or tape on the disc.

Disc Storage

Do not keep in direct sunlight	Keep in a cool ventilated area	Keep in a clean Protection jacket. Store vertically.
		



- Do not allow the discs to become contaminated with dirt.
- Do not load cracked or scratched discs.

Handling and Storing Discs

When you get fingerprints or dirt on the disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

- When cleaning, wipe gently from the inside to the outside of the disc



- Condensation may form if warm air comes into contact with cold parts inside the player. When condensation forms inside the player, the player may not operate correctly. If this occurs, remove the disc and let the player stand for 1 or 2 hours with the power on.

appendix

SPECIFICATIONS

General	Power Consumption	40 W, 110~240 V, 50/60 Hz.	
	Weight	4.8 kg	
	Dimensions	855(W) x 357(H) x 552(D) mm	
	Operating Temperature Range	+5°C ~ +35°C	
	Operating Humidity Range	10 % to 75 %	
Disc	DVD (Digital Versatile Disc)	Reading Speed : 3.49 ~ 4.06 m/sec. Approx. Play Time (Single Sided, Single Layer Disc) : 135 min.	
	CD : 12 cm (COMPACT DISC)	Reading Speed : 4.8 ~ 5.6 m/sec. Maximum Play Time : 74 min.	
	CD : 8 cm (COMPACT DISC)	Reading Speed : 4.8 ~ 5.6 m/sec. Maximum Play Time : 20 min.	
Video Output	Composite Video	1.0 Vp-p (75 Ω load) Y : 1.0 Vp-p (75 load)	
	Component Video	Pr : 0.70 Vp-p (75 Ω load) Pb : 0.70 Vp-p (75 Ω load)	
	HDMI	Impedance: 85-115 Ω	
Amplifier	Front speaker output	40W x 2(3Ω)	
	Subwoofer speaker output	80W(6Ω)	
	Frequency range	20Hz-30KHz	
	S/N Ratio	70dB	
	Channel separation	65dB	
Speaker	Input sensitivity	(AUX)400mV	
	Speaker system	2.1ch speaker system	
	Impedance	Front	Subwoofer
	Frequency range	3 Ω	6 Ω
	Output sound pressure level	175 Hz ± 20 %	70 Hz ± 20 %
	Rated input	79dB	84dB
	Maximum input	40W	80W
	Dimensions (W x H x D)	Front : 181 x 569 x 261 mm Subwoofer : 160 x 475 x 280 mm	
Weights	Weights	Front : 300 g Subwoofer : 490 g	

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Region	Country	Customer Care Center ☎	Web Site
North America	CANADA	1-800-SAMSUNG(726-7864)	www.samsung.com/ca
	MEXICO	01-800-SAMSUNG(726-7864)	www.samsung.com
	U.S.A	1-800-SAMSUNG(726-7864)	www.samsung.com
Latin America	ARGENTINE	0800-333-3733	www.samsung.com/ar
	BRAZIL	0800-124-421 , 4004-0000	www.samsung.com
	CHILE	800-SAMSUNG(726-7864)	www.samsung.com/cl
	NICARAGUA	00-1800-5077267	
	HONDURAS	800-7919267	
	COSTA RICA	0-800-507-7267	www.samsung.com/latin
	ECUADOR	1-800-10-7267	www.samsung.com/latin
	EL SALVADOR	800-6225	www.samsung.com/latin
	GUATEMALA	1-800-299-0013	www.samsung.com/latin
	JAMAICA	1-800-234-7267	www.samsung.com/latin
	PANAMA	800-7267	www.samsung.com/latin
	PUERTO RICO	1-800-682-3180	www.samsung.com/latin
	REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
	TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	www.samsung.com/latin
Europe	VENEZUELA	0-800-100-5303	www.samsung.com/latin
	COLOMBIA	01-8000112112	www.samsung.com/co
	BELGIUM	0032 (0)2 201 24 18	www.samsung.com/be
	CZECH REPUBLIC	844 000 844 Distributor pro Českou republiku: Samsung Zrt., česká organizační složka Vyskočilova 4, 14000 Praha 4	www.samsung.com/cz
	DENMARK	70 70 19 70	www.samsung.com/dk
	FINLAND	030-6227 515	www.samsung.com/fi
	FRANCE	3260 SAMSUNG (€ 0,15/Min), 08 25 08 65 65 (€ 0,15/Min)	www.samsung.com
	GERMANY	01805 - SAMSUNG(726-7864) (€ 0,14/Min)	www.samsung.com
	HUNGARY	06-80-SAMSUNG(726-7864)	www.samsung.com
	ITALIA	800-SAMSUNG(726-7864)	www.samsung.com
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	NORWAY	815-56 480	www.samsung.com/no
	POLAND	0 801 801 881 , 022-607-93-33	www.samsung.com/pl
	PORTUGAL	80820-SAMSUNG(726-7864)	www.samsung.com/pt
	SLOVAKIA	0800-SAMSUNG(726-7864)	www.samsung.com/sk
	SPAIN	902 10 11 30	www.samsung.com
	SWEDEN	0771-400 200	www.samsung.com/se
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	EIRE	0818 717 100	www.samsung.com/ie
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	SWITZERLAND	0800-SAMSUNG(726-7864)	www.samsung.com/ch
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	UZBEKISTAN	8-10-800-500-55-500	www.samsung.uz
	KYRGYZSTAN	00-800-500-55-500	
	TADJIKISTAN	8-10-800-500-55-500	
	UKRAINE	8-800-502-0000	www.samsung.com
	LITHUANIA	8-800-77777	www.samsung.lt
	LATVIA	800-7267	www.samsung.com/lv
Asia Pacific	ESTONIA	800-7267	www.samsung.ee
	AUSTRALIA	1300 362 603	www.samsung.com
	NEW ZEALAND	0800SAMSUNG(726-7864)	www.samsung.com/nz
	CHINA	800-810-5585 , 010-6475 1880	www.samsung.com
	HONG KONG	3698-4698	www.samsung.com/hk
	INDIA	3030 8282 , 1800 110011	www.samsung.com
	INDONESIA	0800-112-8888	www.samsung.com
	JAPAN	0120-327-527	www.samsung.com/jp
	MALAYSIA	1800-88-9999	www.samsung.com/my
	PHILIPPINES	1800-10-SAMSUNG(726-7864)	www.samsung.com/ph
	SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com
	THAILAND	1800-29-3232 , 02-689-3232	www.samsung.com
Middle East & Africa	TAIWAN	0800-329-999	www.samsung.com/tw
	VIETNAM	1 800 582 889	www.samsung.com
	TURKEY	444 77 11	www.samsung.com
	SOUTH AFRICA	0860-SAMSUNG(726-7864)	www.samsung.com
	U.A.E	800-SAMSUNG (726-7864), 8000-4726	www.samsung.com



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